

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077683.D
 Acq On : 24 Nov 2023 11:05
 Operator : JC/SY
 Sample : 05416-08
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 00:00:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 27 00:00:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

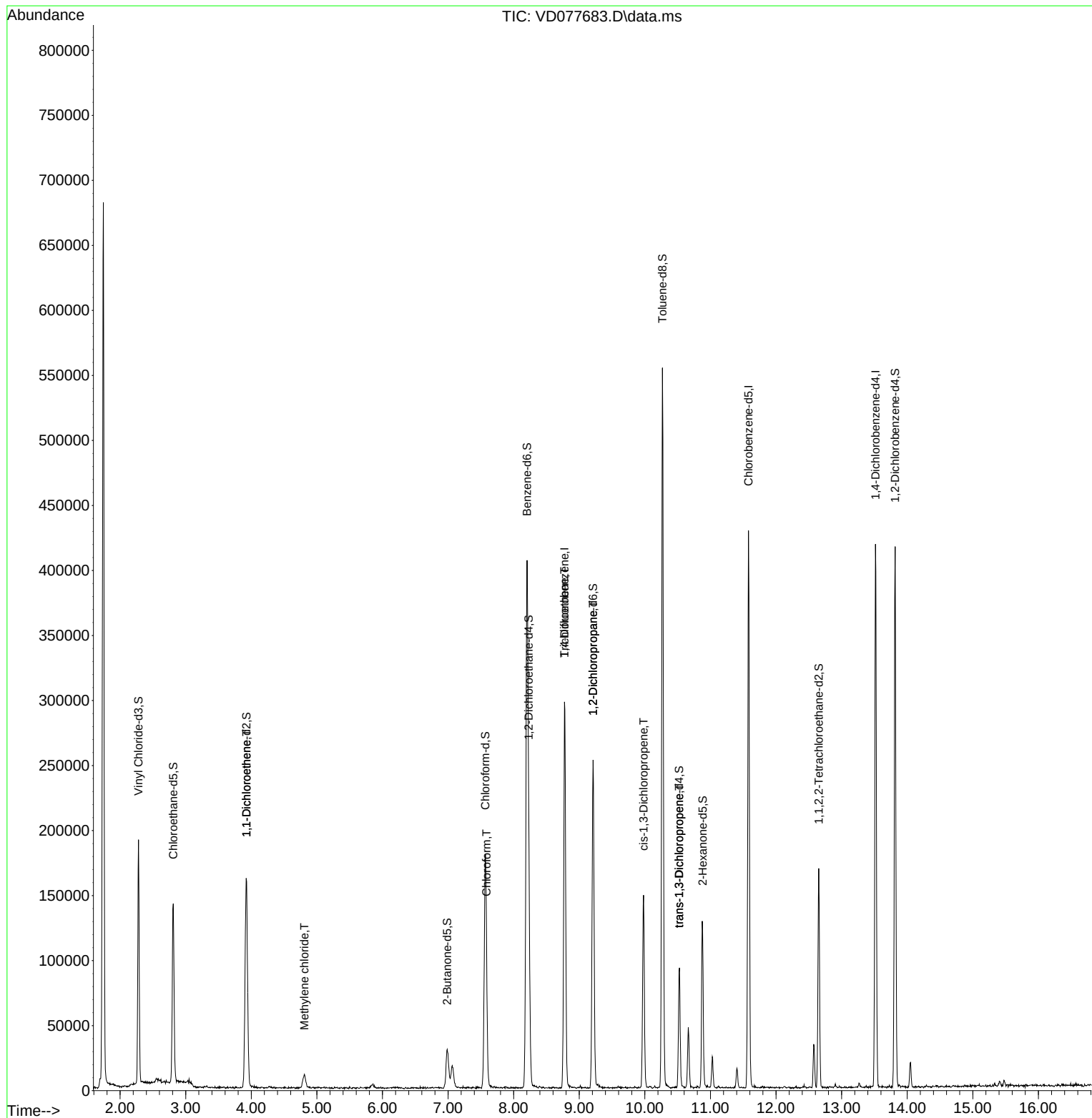
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	246350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	227353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	171373	27.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.400%
7) Chloroethane-d5	2.811	69	142115	28.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.480%
11) 1,1-Dichloroethene-d2	3.928	65	50315	25.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.840%
21) 2-Butanone-d5	6.987	46	54688	50.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.800%
24) Chloroform-d	7.569	84	186593	26.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.880%
26) 1,2-Dichloroethane-d4	8.228	65	103492	27.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.360%
32) Benzene-d6	8.204	84	392660	26.610	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.440%
36) 1,2-Dichloropropane-d6	9.210	67	125442	26.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.400%
41) Toluene-d8	10.269	98	361037	27.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.320%
43) trans-1,3-Dichloroprop...	10.522	79	53428	25.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.120%
47) 2-Hexanone-d5	10.881	63	44392	51.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84458	26.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	101481	26.434	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.928	96	1013	0.289	ug/L #	1
16) Methylene chloride	4.810	84	3932	0.945	ug/L	73
25) Chloroform	7.587	83	4889	0.720	ug/L	90
34) Trichloroethene	8.775	95	7189	1.840	ug/L #	10
37) 1,2-Dichloropropane	9.210	63	13568	3.096	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	4154	0.617	ug/L #	81
44) trans-1,3-Dichloropropene	10.522	75	2710	0.487	ug/L #	79

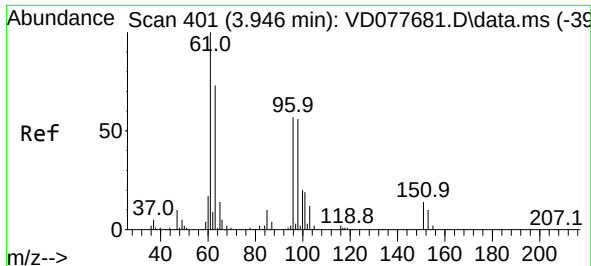
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Nov 27 00:00:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.018 min

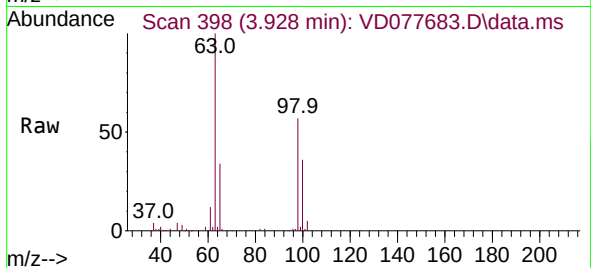
Lab File: VD077683.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :



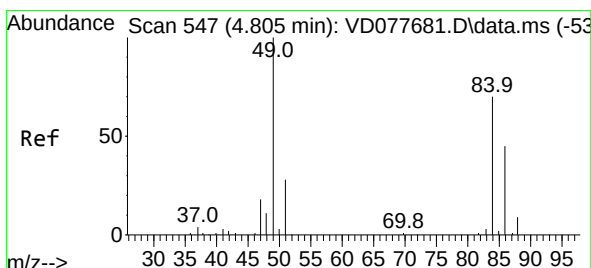
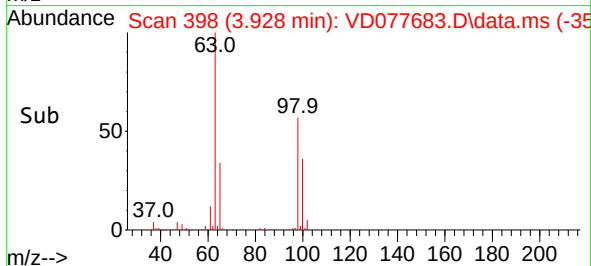
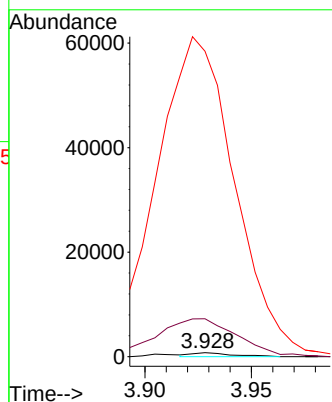
Tgt Ion: 96 Resp: 1013

Ion Ratio Lower Upper

96 100

61 944.3 127.5 236.9#

63 7590.6 86.4 160.4#



#16

Methylene chloride

Concen: 0.945 ug/L

RT: 4.810 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077683.D

Acq: 24 Nov 2023 11:05

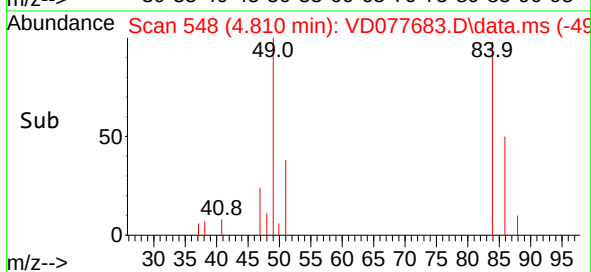
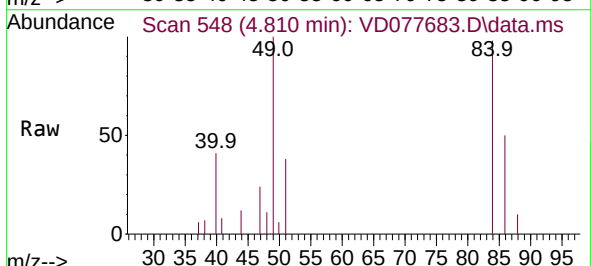
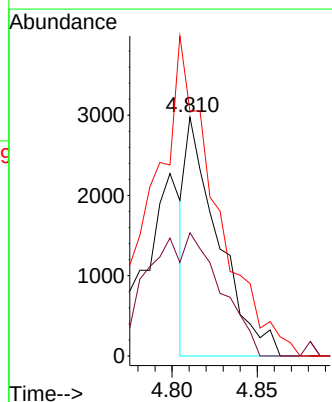
Tgt Ion: 84 Resp: 3932

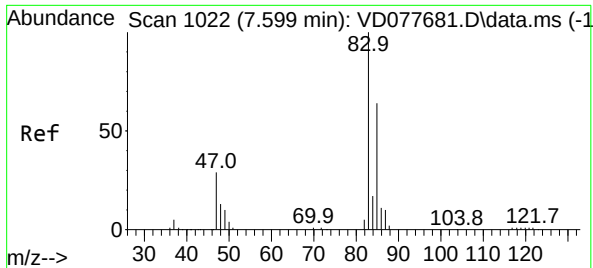
Ion Ratio Lower Upper

84 100

86 51.6 46.5 86.5

49 102.5 98.3 182.7





#25

Chloroform

Concen: 0.720 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD077683.D

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Instrument :

MSVOA_D

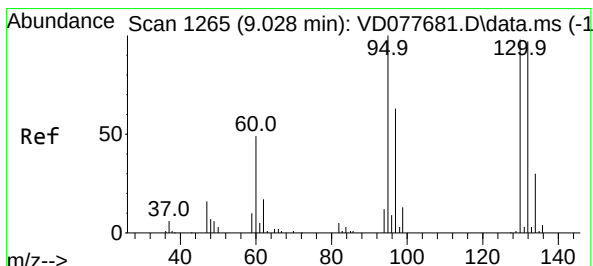
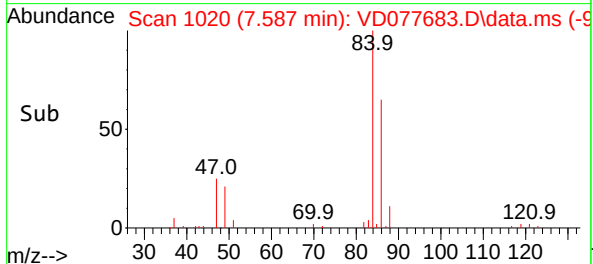
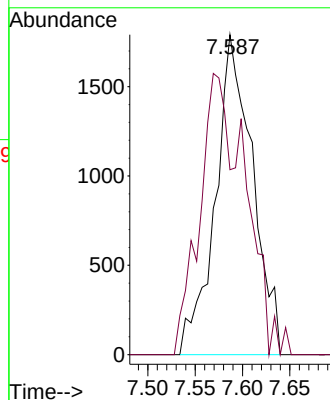
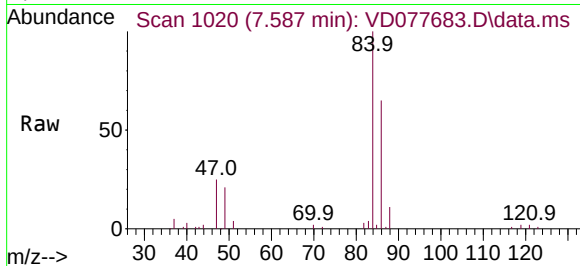
ClientSampleId :

Tgt Ion: 83 Resp: 4889

Ion Ratio Lower Upper

83 100

85 57.8 45.9 85.3



#34

Trichloroethene

Concen: 1.840 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD077683.D

Acq: 24 Nov 2023 11:05

Tgt Ion: 95 Resp: 7189

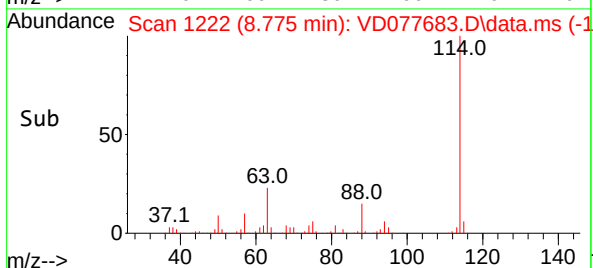
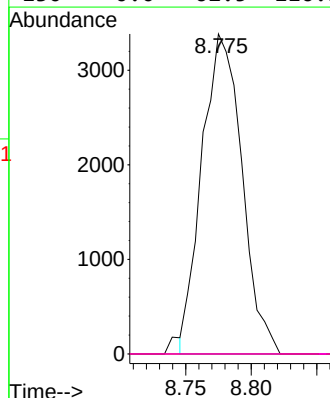
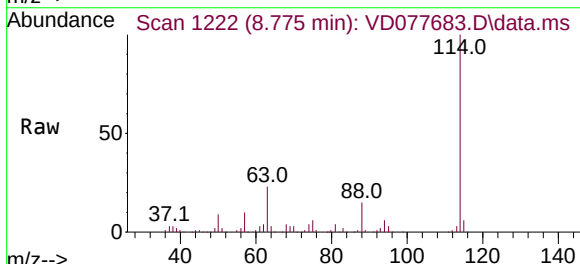
Ion Ratio Lower Upper

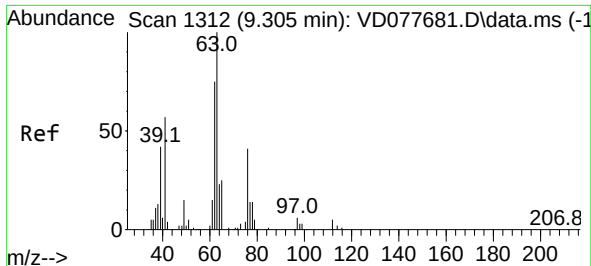
95 100

97 0.0 42.4 78.6#

132 0.0 59.4 110.2#

130 0.0 62.5 116.1#





#37

1,2-Dichloropropane

Concen: 3.096 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD077683.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_D

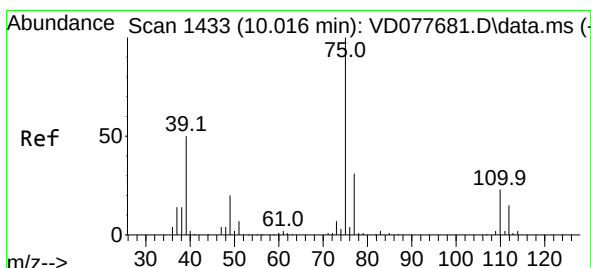
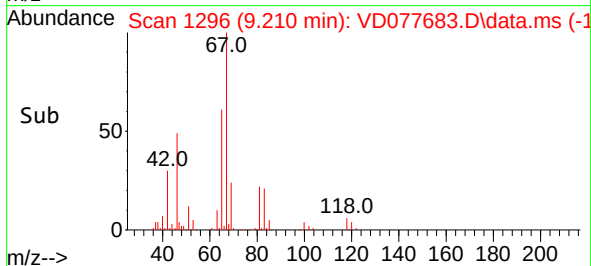
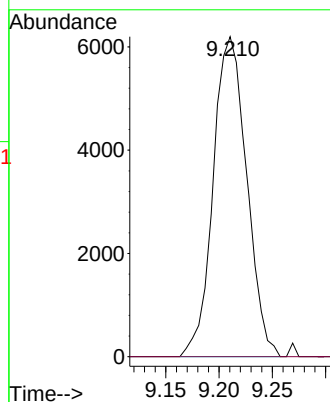
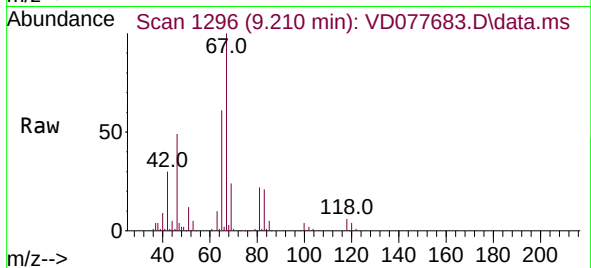
ClientSampleId :

Tgt Ion: 63 Resp: 13568

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077683.D

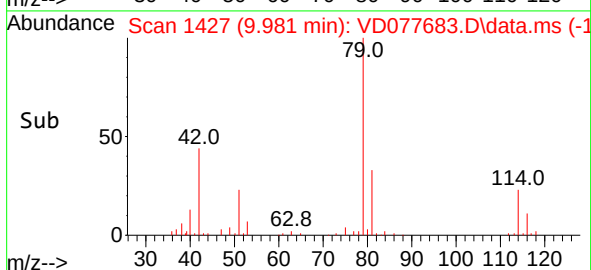
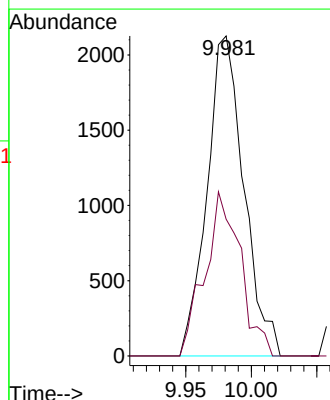
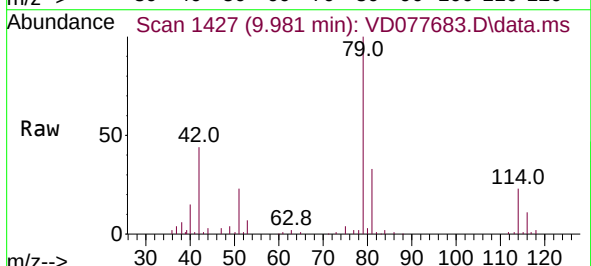
Acq: 24 Nov 2023 11:05

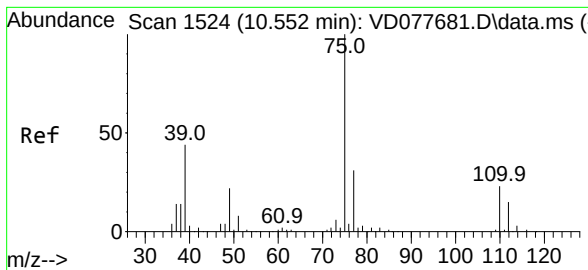
Tgt Ion: 75 Resp: 4154

Ion Ratio Lower Upper

75 100

77 42.8 22.5 41.9#





#44
 trans-1,3-Dichloropropene
 Concen: 0.487 ug/L
 RT: 10.522 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VD077683.D
 Acq: 24 Nov 2023 11:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2710
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.3 41.5#

